Amendments to Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (previously presented) A television headend for delivery of television channels to a plurality of subscriber televisions and comprising:

a web content server located at the television headend and including:

a browser application including at least one instance of the browser application displaying a web page;

an image capture module coupled to the at least one instance of the browser application to capture successive images of the web page displayed thereby; and

an image compressor to compress the successive images captured by the image capture module from the at least one instance of the browser application for delivery to the plurality of subscriber televisions as a corresponding television channel.

2. (previously presented) The television headend of claim 1, wherein the web content server further comprises:

setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: at starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and a reload interval defining for each instance a corresponding interval for reloading a web page identified by the starting URL;

a generator coupled to the setup records and configured to generate a corresponding browser instance from each setup record including a loading of a web page identified by the starting URL in the corresponding setup record; and

a controller coupled to the setup records and to each browser instance generated by the generator to control the reload interval for each browser instance to conform with the reload interval in the corresponding setup record.

3. (previously amended) The television headend of claim 1, wherein the web content server further comprises:

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setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and an image capture interval for converting web pages displayed by each instance of the browser application to a corresponding succession of images displayed on the corresponding television channel;

a generator coupled to the setup records and configured to generate a corresponding browser instance from each setup record including a loading of a web page identified by the starting URL in the corresponding setup record; and

a controller coupled to the setup records and the image capture module and configured to control the image capture interval of the image capture module to conform with the image capture interval in the corresponding setup record.

4. (previously amended) The television headend of claim 1, wherein the web content server further comprises:

setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and a channel bitrate parameter corresponding with a least one of an image quality and refresh frequency of the succession of images compressed by the image compressor from a corresponding instance of the browser application;

a generator coupled to the setup records and configured to generate a corresponding browser instance from each setup record including a loading of a web page identified by the starting URL, in the corresponding setup record; and

a controller coupled to the setup records and the image compressor module and configured to control at least one of the image quality and the refresh frequency of the succession of images compressed by the image compressor to conform with the channel bitrate parameter in the corresponding setup record.

5. (currently amended) The television headend of claim [[4]] 1 wherein the web page displayed by the at least one instance of the browser application includes:

at least one frame portion; and

a script which identifies a set of web pages and a corresponding upload interval for each of the web pages in the set; and the script executable by the at least one instance of the browser application to sequentially upload each of the web pages identified in the set into the at least one frame portion for capture by the image capture module and subsequent display on the corresponding selectable television channel.

6. (previously presented) The television headend of claim 1, wherein the web content server further comprises:

the browser application at least one instance includes a first browser instance and a second browser instance each displaying a corresponding web page; and

a multiplexer with inputs coupled to the image compressor and an output for multiplexing corresponding images from the first and second browser instances onto a single analog television channel as discrete digital television channels.

7. (previously presented) The television headend of claim 1, where in the web content server further comprises:

a database;

an administrative module providing graphical user interfaces to input and update setup records in the database with each setup record including at least: a starting uniform resource locator (URL), a television channel identifier and a reload interval defining for each instance a corresponding interval for reloading a web page identified by the starting URL; and

a controller coupled to the database and to each browser instance generated by the generator to control the reload interval for each browser instance to conform with the reload interval in the corresponding setup record in the database.

8. (previously presented) The television headend of claim 1, wherein the web content server further comprises:

a database;

an administrative module providing graphical user interfaces to input and update setup records in the database with each setup record including at least: a starting uniform resource locator (URL), a television channel identifier and an image capture interval for

converting web pages displayed by each instance of the browser application to a corresponding succession of images displayed on a television channel; and

a controller coupled to the database and the image capture module and configured to control the image capture interval of the image capture module to conform with the image capture interval in each corresponding setup record in the database.

9. (previously presented) The television headend of claim 1, wherein web content server further comprises:

a database;

an administrative module providing graphical user interfaces to input and update setup records in the database with each setup record including at least: a starting uniform resource locator (URL), a television channel identifier and a channel bitrate parameter corresponding with at least one of an image quality and a refresh frequency of the succession of images compressed by the image compressor from a corresponding instance of the browser application; and

a controller coupled to the database and the image compressor module and configured to control at least one of the image quality and the refresh frequency of the succession of images compressed by the image compressor to conform with the channel bitrate parameter in the corresponding setup record in the database.

10. (previously presented) A method for delivery of television channels from a television headend to a plurality of subscriber televisions and the method comprising:

generating at least one instance of a browser application displaying a web page;

capturing a succession of images of the web page displayed by the at least one instance of the browser application generated in the generating act;

compressing the successive images captured in the capturing act; and

delivering the succession of images compressed in the compressing act to the plurality of subscriber televisions as a corresponding television channel.

11. (previously presented) The method of claim 10, further comprising:

providing setup records each corresponding with an instance of the browser application and each including parameters corresponding with a least: a starting uniform

resource locator (URL), a television channel identifier of a corresponding television channel and a reload interval defining for each instance a corresponding interval for reloading a web page identified by the starting URL:

generating a corresponding browser instance from each setup record provided in the providing act; and

reloading the web page identified by the starting URL in the corresponding setup record into each corresponding browser instance generated in the second generating act at intervals corresponding with the reload interval in the corresponding setup record provided in the providing act.

12. (previously amended) The method of claim 10, further comprising:

providing setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and an image capture interval for converting web pages displayed by each instant of the browser application to a corresponding succession of images displayed on the corresponding television channel;

loading the web page identified by the starting URL, in the corresponding setup record provided in the providing act into the at least one browser instance generated in the generating act; and

capturing the succession of images of the web page loaded in the loading act at intervals corresponding with the reload interval in the corresponding setup record provided in the providing act.

13. (previously presented) The method of claim 10, further comprising:

providing setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and a channel bitrate parameter corresponding with at least one of an image quality and refresh frequency of the succession of images compressed in the compressing act from a corresponding instance of the browser application generated in the generating act;

loading the web page identified by the starting URL in the corresponding setup record provided in the providing act into the at least one browser instance generated in the generating act; and

compressing the successive images captured in the capturing act to an image quality and/or at a refresh frequency which conforms with the corresponding setup record provided in the providing act.

14. (previously presented) The method of claim 10, wherein the generating and delivering acts further comprise:

generating a first browser instance and a second browser instance each displaying a corresponding web page; and

multiplexing each corresponding succession of images compressed in the compressing act form the first and second browser instances generated in the generating act onto a single analog television channel as discrete digital television channels.

15. (previously presented) The method of claim 10, further comprising:

managing setup records via graphical user interface forms with each setup record including at least: a starting uniform resource locator (URL), a television channel identifier and a reload interval defining for each instance of the browser application a corresponding interval for reloading a web page identified by the starting URL;

storing the setup records managed in the managing act in a database;

generating a corresponding browser instance from each setup record stored in the storing act; and

reloading the web page identified by the starting URL in the corresponding setup record into each corresponding browser instance generated in the second generating act: at intervals corresponding with the reload interval in the corresponding setup record stored in the act.

16. (previously presented) The method of claim 10, further comprising:

managing setup records via graphical user interface forms with each setup record including at least: a starting uniform resource locator (URL), a television channel identifier and an image capture interval for converting web pages displayed by each

instance of the browser application to a corresponding succession of images displayed on the corresponding television channel;

storing the setup records managed in the managing act in a database;

generating a corresponding browser instance from each setup record stored in the storing act; and

capturing the succession of images of the web page loaded in the loading act at intervals corresponding with the capture interval in the corresponding setup record stored in the storing act.

17. (previously presented) A means for delivery of television channels from a television headend to a plurality of subscriber televisions and the means for delivery comprising:

means for generating at least one instance of a browser application displaying a web page;

means for capturing a succession of images of the web page displayed by the at least one instance of the browser application generated by the means for generating;

means for compressing the successive images captured by the means for capturing; and

means for delivering the succession of images compressed by the means for compressing to the plurality of subscriber televisions as a corresponding television channel.

18. (previously amended) The means for delivery of claim 17, further comprising:

means for providing setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and a reload interval defining for each instance a corresponding interval for reloading a web page identified by the starting URL;

means for generating a corresponding browser instance from each setup record provided by the means for providing; and

means for reloading the web page identified by the starting URL in the corresponding setup record into each corresponding browser instance generated by the

second means for generating at intervals corresponding with the reload interval in the corresponding setup record provided by the means for providing.

19. (previously amended) The means for delivery of claim 17, further comprising:

      means for providing setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and an image capture interval for converting web pages displayed by each instant of the browser application to a corresponding succession of images displayed on the corresponding television channel;

      means for loading the web page identified by the starting URL in the corresponding setup record provided by the means for providing into the at least one browser instance generated by the means for generating; and

      means for capturing the succession of images of the web page loaded by the means for loading at intervals corresponding with the reload interval in the corresponding setup record provided by the means for providing.

20. (previously presented) The means for delivery of claim 17, further comprising:

      means for providing setup records each corresponding with an instance of the browser application and each including parameters corresponding with at least: a starting uniform resource locator (URL), a television channel identifier of a corresponding television channel and a channel bitrate parameter corresponding with at least one of an image quality and refresh frequency of the succession of images compressed by the means for compressing from a corresponding instance of the browser application generated by the means for generating;

      means for loading the web page identified by the starting URL in the corresponding setup record provided by the means for providing into the at least one browser instance generated by the means for generating; and

      means for compressing the successive images captured by the means for capturing to an image quality and/or at a refresh frequency which conform with the corresponding setup record provided by the means for providing.

21. (previously presented) The means for generating and the means for delivery of claim 18, further comprising:

      means for generating a first browser instance and a second browser instance each displaying a corresponding web page; and

      means for multiplexing each corresponding succession of images compressed by the means for compressing from the first and second browser instance generated by the means for generating onto a single analog television channel as discrete digital television channels.

22. (previously presented) The means for delivery of claim 17, further comprising:

      means for managing setup records via graphical user interface forms with each setup record including at least: a starting uniform resource locator (URL) a television channel identifier and a reload interval defining for each instance of the browser application a corresponding interval for reloading a web page identified by the starting URL;

      means for storing the setup records managed by the means for managing in a database;

      means for generating a corresponding browser instance from each setup record stored by the means for storing; and

      means for reloading the web page identified by the starting URL in the corresponding setup record into each corresponding browser instance generated by the second means for generating; at intervals corresponding with the reload interval in the corresponding setup record stored by the means for storing.

23. (previously presented) The means for delivery of claim 17, further comprising:

      means for managing setup records via graphical user interface forms with each setup record including at least: a starting uniform resource locator (URL), a television channel identifier and an image capture interval for converting web pages displayed by each instance of the browser application to a corresponding succession of images displayed on the corresponding television channel;

      means for storing the setup records managed by the means for managing in a database;

means for generating a corresponding browser instance from each setup record stored by the means for storing; and

means for capturing the succession of images of the web page loaded by the means for loading at intervals corresponding with the capture interval in the corresponding setup record stored by the means for storing.